

(54) NON WOVEN FABRIC

- (11) 1-192871 (A) (43) 2.8.1989 (19) JP
(21) Appl. No. 63-12394 (22) 21.1.1988
(71) KURARAY CO LTD (72) NAOHIDE NONOGUCHI(2)
(51) Int. Cl. D06M10/00, A41B13/02, A41D31/00, A61F5/44, A61F13/18

PURPOSE: To obtain non woven fabric having remarkably improved absorbed water diffusing properties, water absorption and liquid retaining properties, by applying corona discharge treatment on the at least one side of non woven fabric mainly consisting of a hydrophobic fiber.

CONSTITUTION: A non woven fabric mainly consisting of hydrophobic fiber such as polyethylene, polypropylene, polyester, polyacrylonitrile or polyamide is formed. Corona discharge treatment having 1mm clearance between electrodes, 6kV voltage and about 5m/min line speed is applied to at least one face of the above-mentioned non woven fabric using a corona discharge treatment apparatus to provide the non woven fabric having washing resistance and hydrophilic properties and endurance.